IN THE CLAIMS:

Claims 1-24 (Cancelled)

25. (Previously presented)   A method for real time mobile commerce transactions comprising
a mobile device,

means for wired or wireless communication of voice and data,

a central server and a network server,

means for communication of voice and data between the mobile device and one or more servers
including a central server and a network server,

means for selecting one or more transaction requests including information search, information
acquirement, information comparison, price, price comparison, transaction instructions and
transaction execution,

means for sending the selected transaction request from the mobile device to the central server
utilizing a plurality of methods including

keyboard, audible, speech, data, visual display and touch screen enabled display panel formats,

means for the central server to query one or more other servers such as the network server, relating to
the selected transaction request,

means for receiving a response by the central server to the selected transaction request from one or
more other servers such as the network server,

means for processing and formatting of the response by the central server,

means for delivering a response to the mobile device by the central server in the selected format,

means for receiving the response by the mobile device in one or more formats, including audible,
speech, data, visual display and touch screen enabled display panel formats,

means for utilizing the built-in processing power and capabilities of the mobile device in a standalone
manner for mobile commerce, including

means for utilizing the processing power and capabilities of the central server for mobile commerce
in conjunction with the processing power and capabilities of the mobile device,

means for utilizing the transaction request and the transaction response information for the selected
transaction at the selected time and in the selected manner.

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26. (Previously presented)   A method for real time mobile commerce transactions of claim 25 comprising

means for sending a direct transaction request by the mobile device to a network server,

means for receiving a direct response from the network server by the mobile device,

means for conducting mobile commerce transactions utilizing the processing power, databases, lookup tables and storage capabilities of the mobile device acting in a standalone manner, including

means for conducting mobile commerce transactions utilizing the processing power, databases, lookup tables and storage capabilities of the network server in conjunction with the mobile device.

27. (Previously presented)   A real time personal purchasing transaction system of claim 25 comprising

means for configuring the mobile device in a stand alone manner for price comparison and mobile commerce including,

means for configuring the mobile device for price comparison and mobile commerce in conjunction with one or more servers,

means for price comparison and mobile commerce utilizing different types and configurations of mobile devices, including

an intelligent keyboard type mobile device with central portable compute, command and control functions,

a cellular telephone type mobile device,

a personal digital assistant type mobile device,

a laptop or mobile computer type mobile device,

a camera cellular phone type mobile device,

an intelligent appliance type mobile device,

a voice and data communication, computation, command and control function type mobile device.

28. (Withdrawn)   A real time personal price and information comparison based purchasing transaction system comprising

a mobile device

a central and/or a network server,

means for wired or wireless communication,

means for configuring the central server for price and other information acquirement, price

comparison, information comparison and transaction functions by means of one or more specific transaction requests from the mobile device,

means for the central server to communicate with a plurality of network servers for desired information acquirement relating to products, services, pricing, price, price/information comparison and other information,

means for the central server to periodically or at the selected time or at selected time intervals communicate with one or more network servers,

means for the mobile device user to define, enable, modify and store one or more user profiles within the mobile device and/or the central server,

means for the user profiles to comprise of information related to the user such as user identification, language, value expectations, value propositions, transaction preferences, transaction instructions, product preferences, service preferences, attribute preferences and other information including,

means for enabling the user profiles for mobile commerce by utilizing the processing and storage capabilities of the mobile device acting in a standalone manner, or means for enabling the user profiles for mobile commerce by utilizing the processing and storage capabilities of the central server in conjunction with the processing and storage capabilities of the mobile device.

29. (Withdrawn)   A real time personal price and information comparison based purchasing transaction system of claim 28 comprising

means for price and information comparison utilizing the processing, lookup tables, databases and storage capabilities of the mobile device by itself, or

 means for price and information comparison utilizing the processing, lookup tables, databases and storage capabilities of the central server in conjunction with the mobile device,

means for the mobile device user to define flags associated with one or more specific transaction requests based on price, price comparison, information and information comparison,

means for the flags to be activated based on one or more conditions such as at a selected price point, price differential, set time and other user defined conditions,

means for utilizing the flag condition for notification and execution of a transaction,

means for enabling personal purchasing transactions.

30. (Withdrawn)   A real time personal price and information comparison based purchasing transaction system of claim 28 comprising

means for enabling one or more user defined matching routines and lookup tables to be established at

the central server, at the mobile device or a combination of the central server and the mobile device,

means for matching one or more selected information and transaction requests of the mobile device user in conjunction with the preset flag conditions and the user profiles,

means for determining a match that is relevant to the mobile device user, wherein the mobile device, the central server or a combination of the mobile device and the central server process and compare the user defined transaction requests with the specific information acquired by utilizing matching routines, lookup tables and user profiles that are specific to the mobile device user,

means for notifying the mobile device user of a flag triggering event or a match occurrence by communication from the central server including means for providing information, for requesting an action or for notifying of an action,

means for the notification of the flag condition by the central server to the mobile device,

means for the notification of the flag condition by the mobile device to the central server,

means for notification and action at the selected time and in the selected sequence,

means for execution of the desired transactions by the mobile device acting by itself and/or in conjunction with other mobile devices,

means for one or more mobile devices to execute the selected transactions operating individually or cooperatively in conjunction with the central server.

31. (Withdrawn)   A real time personal price and information comparison based purchasing transaction system of claim 28 comprising

means for the definition and construction by the mobile device user, of a table including a plurality of comparison parameters,

means for the comparison parameters to include various information including, product attributes, service attributes, photos, images, audio, video, specifications, pricing, preferred vendors, preferred service personnel, shipping/delivery methods and other parameters;

means for the mobile device, the central server or a combination of the mobile device and the central server to acquire the comparison parameter information from one or more other mobile devices, network servers or a combination of mobile devices and network servers,

means for further processing the comparison parameter information within the mobile device itself within the central server or a combination of the mobile device and the central server,

means for comparison of the information in real time or at the desired time by the mobile device user,

means for utilizing one or more of the comparison parameters and comparison information for the selected action, at the selected time and at the selected location.

32. (Withdrawn)   A real time personal price and information comparison based purchasing

transaction system of claim 28 comprising

means for associating the comparison parameters and other information with one or more transaction

profiles of the mobile device user,

means for enabling the mobile device user to establish, store, modify, update and delete one or more

profiles including a user profile, vendor profile, product profile, service profile, profiles of other

individuals and profiles of one or more entities,

means for the profiles to contain information that includes voice, audio, sound, video, photo, image,

text, data and other information,

means for relating the user profiles and transaction profiles of the mobile device user, with the profiles

of one or more vendors, service personnel, individuals and other entities that are party to the actual or

intended transaction,

means for searching for and selecting the desired profiles and the desired information contained

within the mobile device, the central server and the network servers,

means for matching the search results by means of the user defined matching routines for relevancy to

the mobile device user based on user profiles and transaction profiles,

means for executing the selected matched or unmatched transaction by selecting the desired user

profile, transaction profile, vendor profile and other profiles,

 means for processing and executing the transaction request utilizing the processing power, storage

and lookup tables contained within the mobile device wherein the mobile device acts in a standalone

manner, including

means for processing and executing the transaction request utilizing the processing power, storage and

lookup tables contained within the central server acting by itself or in combination with the processing

power, storage and lookup tables of the mobile device.

33. (Withdrawn)   A real time personal price and information comparison based purchasing

transaction system of claim 28 comprising

means for maintaining user profiles, transaction profiles and other profiles on the mobile device, on

the central server or a combination of the mobile device and the central server,

 means for the full profiles or a subset of the profiles to be resident or accessible by the network

servers with permission levels selected by the user,

means for protecting the privacy of the user and user profiles by user defined permission levels

permitting only the selected information to be viewed or accessed by the network servers on a one time basis, for a selected duration or for a selected transaction,

means for the central server to serve as a secure transaction intermediary wherein the central server communicates with the network servers by providing the selected user profile for the specific transaction enabling the selected mobile device user's privacy,

means for executing the desired transactions directly by the mobile device acting by itself, the central server acting by itself or by a combination of the central server and the mobile device.

34. (Withdrawn)   A real time personal purchasing transaction system comprising

a mobile device,

a local, central and/or network server,

means for wired or wireless communication;

means for the user to define one or more transaction search parameters for acquiring information relating to products, services and other information,

means for the mobile device user to define and store the transaction search algorithms on the mobile device itself, on a central, a network server or a combination thereof,

means for setting up a customized search engine function at one or more locations including the mobile device, a central server and a network server,

means for one or more personalized search algorithms to form the customized search engine function,

means for providing the information that is of relevance to the mobile device user in conjunction with the selected user profile and the customized search engine function,

means for initiating the transaction search function, utilizing the selected user profile and the selected transaction search algorithms by means of the mobile device acting by itself and/or in conjunction with a central server and a network server,

means for enabling the search engine function for personalized transaction search by utilizing the processing power of the mobile device by itself, the central server, the network server or a combination thereof,

means for ranking the transaction search results in the selected rank order for user defined relevance and utility,

means for executing the selected transaction based on the selected transaction search results by means of the mobile device acting by itself, by the central server, the network server or a combination thereof.

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35. (Withdrawn)   A real time personal purchasing transaction system of claim 34 comprising means for enabling the search for a product, service and information based on information including photo, image, graphics, video, audio, sound and other information wherein the mobile device by acting by itself and/or acting in conjunction with a central server, a network servers or a combination thereof acquires the photo, image, graphics, video, audio, sound, product identification and object identification and other information,

means for the transaction search algorithms, match routines and the comparisons to be enabled based on the visual, audio, data and other information relating to the product, service and other factors,

means for utilizing the search, match and other information for personal purchasing transactions by means of the mobile device.

36. (Withdrawn)   A real time personal purchasing transaction system of claim 34 comprising means for acquiring visual, audio and other information by the first mobile device user related to a first product/service and a purchasing transaction,

means for sharing the selected visual, audio and other information related to said first product/service by the first mobile device user with a second mobile device user or a plurality of other mobile device users,

means for the first mobile device user to provide textual and voice comments, audio, video, data and other information relating to the first product/service and a first transaction,

means for comparison and decision making in real time or at the selected time, relating to an actual/intended first product/service and a first transaction by the first mobile device user, the selected second mobile device user or a combination of a plurality of other mobile device users,

means for enabling one or more mobile device users to collaborate for a selected first mobile commerce transactions by using the software and processing power resident on one or more of the mobile devices acting by themselves or in combination including operation in conjunction with the processing power of a central server and/or a network server.

37. (Withdrawn)   A real time personal purchasing transaction system of claim 34 comprising a transaction network consisting of one or more mobile devices and one or more servers including a central server and a plurality of network servers;

means for acquiring the photo, image and video of products, objects, animals and other animate and in animate things,

means for associating one or more additional descriptions with the acquired photo, image and video

such as audio, video, graphics, text sound, speech in one or more languages and other descriptive forms for providing collateral information,

means for using the photo, image and video as a primary or secondary means for communications in conjunction with voice for enabling transactions in conjunction with the associated collateral information,

means for the execution of the intended transactions by one or more mobile device users acting in a standalone manner and/or in conjunction with a central, a network server or a combination of servers;

means for mobile commerce transactions utilizing images and video information in a standalone manner or in combination with other forms of information including audio and speech in one or more languages.

38. (Withdrawn)   A real time personal purchasing transaction system comprising

a mobile device,

a local, central and/or network server,

means for wired or wireless communication,

means for enabling transaction search for one or more transaction parameters,

means for enabling user profiles, match routines and lookup tables for a transaction parameter,

means for the transaction search results to be ranked in order of selected personal relevance to the mobile device user,

means for the mobile device user to define flags associated with one or more specific transaction search requests and transaction search results,

means for enabling one or more user defined search algorithms, matching routines, lookup tables and flag conditions on the mobile device, the central server and the network server,

means for matching one or more desired transaction requests with the transaction search results in conjunction with the desired flag conditions and selected user profiles,

means for determining the best match for a desired transaction parameter from the transaction search results, by utilizing the processing power of the mobile device acting by itself and/or acting in conjunction with a central server and a network server.

39. (Withdrawn)   A real time personal purchasing transaction system of claim 38 comprising means for customizing the transaction search and match functions for ease and enhanced utility,

means for enabling the customized transaction search function with numerical inputs, alpha numerical inputs, word/text/voice short forms or other means wherein each input defines a desired code

equivalent for a product, service, information or a transaction action,

means for matching the transaction search results with the user defined matching routines and user profiles for utility in mobile commerce.

40. (Withdrawn)   A real time personal purchasing transaction system of claim 38 comprising software and protocols for enabling the customized transaction search function,

software and protocols for enabling the personalized matching routines,

means for the software and protocols to be resident on the mobile device, the central server, the network server or a combination of the mobile device and the servers,

means for the mobile device user to securely track an individual transaction and the transaction history by means of the software and protocols,

means for dynamically tracking the transaction search results for relevance to the mobile device user,

means for tracking and matching of the transaction search results with the selected match routines and user profiles,

means for programming the mobile device and/or the servers to automatically learn the mobile device user's behavior and dynamically modify the mobile device user's transaction search and match routine preferences by means of the software, protocols and processing power resident within the mobile device and the servers,

means for dynamically enabling the learned and updated search preferences, match preferences, and user profiles for the selected mobile commerce transaction.

41. (Withdrawn)   A real time personal purchasing transaction system of claim 38 comprising means for enabling the user to configure a personalized list for products and services,

means for associating a numerical code, alpha numeric codes or other codes for a designated product, service, vendor and other information for ease of input,

means for associating a code with a desired transaction action,

means for the user to define and establish lookup tables wherein each product, service, vendor, other information and the transaction action are enabled for efficient search and/or execution by code means wherein the codes are resident within the mobile device, the central server, the network server or a combination of the mobile device and the servers,

means for executing the selected transaction action by choosing the desired codes by means of the mobile device acting by itself and/or acting in conjunction with the central server and the network server.

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42. (Withdrawn)   A real time personal information, price comparison and value proposition based purchasing transaction system comprising:

a mobile device enabled with built-in communication and compute capabilities,

means for voice and data communication,

means for communication with one or more other mobile devices, stationary devices, local server, central server and network servers,

a local, central and a network server;

means for wired or wireless communication;

means for acquiring pricing and other information from the first local server, central server, network server or a combination of servers relating to a first product/service,

means for acquiring pricing and other information from the second local, central and or network server relating to a first product/service,

means for acquiring pricing and other information from a plurality of other local, central and or network servers, relating to a first product/service,

means for comparison of the pricing and other information provided by the first server and the second server or a plurality of other servers, wherein the comparison relates to the first product/service,

means for computation of the price differential and information differential by the mobile device for comparison and other purposes,

means for the communication, computation, comparison, storage and retrieval of the information relating to pricing and other information of one or more products, services, collateral information and transactions by using the processing power of the mobile device in a standalone manner or by using the processing power of the local, central and network server in conjunction with the mobile device,

means for utilizing the price and information comparison data for real time mobile commerce transactions in a standalone manner or in conjunction with user profiles and user defined value propositions.

43. (Withdrawn)   A real time personal information, price comparison and value proposition based purchasing transaction system of claim 42 comprising

means for the information comparison and price comparison to include text and voice in one or more languages, data, sound, audio, video, photo, image, graphics and other types of information in one or more formats,

means for the mobile device to compute and provide data relating to information comparison and

price comparison utilizing the processing power of the mobile device by itself in a standalone manner or utilizing the processing power of the central server in combination with the mobile device,

means for making the selection of the product/service by the mobile device user with reference to the selected information comparison and price comparison data provided by the first server, the second server or other servers in conjunction with user defined value propositions and user profiles,

means for initiating and enabling the transaction by the mobile device user with the selected first server, the second server or a plurality of other servers based on user defined value propositions and user profiles,

means for executing the selected transaction by using the processing power of the mobile device by itself and/or in conjunction with the processing power of the selected local, central and network server in a selected manner and at the selected time.

44. (Withdrawn)   A real time personal information, price comparison and value proposition based purchasing transaction system of claim 42 comprising:

means for real time sharing of information and price comparison data relating to a product/service between a plurality of mobile devices,

means for collaboration between one or more mobile devices relating to a purchasing transaction,

means for comparison of information and comparison of price utilizing the user profiles and value propositions of one or more mobile devices,

means for collaborative execution of purchasing transactions in real time from the selected vendor and at the selected location.

45. (Withdrawn)   A real time personal information, price comparison and value proposition based purchasing transaction system of claim 42 comprising

means for enabling a price comparison engine, a product/service attribute comparison engine and a transaction engine,

means for enabling the price comparison, attribute comparison and the transaction engine to efficiently process the information by means of the processing power and software resident on the mobile device itself, or

means for enabling the price comparison, attribute comparison and the transaction engine to efficiently process the information by means of the processing power and software resident on the the local, central and network servers working individually or in combination of the servers including working in conjunction with the mobile device,

means for informed decision making by the mobile device user for intelligent comparison of one or more parameters,

means for optimizing the purchasing and transaction decision in conformance with the user profile and user defined value propositions,

means for real time personalized mobile commerce.

46. (Withdrawn)   A real time personal purchasing transaction system of claim 42 comprising one or more types of input and output methods including

means for voice input and voice output in one or more languages,

means for text input and output in one or more languages,

means for digitizing and synthesis of the text and voice,

means for conversion of text to speech and speech to text,

means for conversion of text and/or speech in one language to text and/or speech in another language by utilizing the processing power of the mobile device acting by itself or in conjunction with the processing power of the local, central and/or network server,

means for enabling the desired transaction in the desired language by audible speech means, text means or a combination of text and speech means.

47. (Withdrawn)   A real time personal purchasing transaction system of claim 42 comprising means for information acquirement relating to a first transaction of a product/service by the first mobile device inclusive of one or more methods such as text, voice, data, audio, sound, language, video, image, photo and other methods;

means for information acquirement relating to a first transaction of a product/service by the second mobile device inclusive of one or more methods such as text, voice, data, audio, sound, language, video, image, photo and other methods;

means for the exchange of information and comparison of the information relating to the first transaction by wired or wireless communication between the first mobile device and the second mobile device directly or in conjunction with one or more local, central and network servers, including

means for maintaining the transaction and user profiles of the first mobile device on the second mobile device,

means for maintaining the transaction and user profiles of the second mobile device on the first mobile device, including

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means for maintaining transaction and user profiles of one or more mobile devices on a local, central and/or network server,

means for collaboration and execution of the transaction by one or more mobile device users acting individually or jointly with or without the use of transaction and user profiles.

48. (New)   A method for a real time personal purchasing transaction comprising the steps of:

formatting a mobile commerce and related transaction inquiry on a mobile device including in a manner selected by the mobile device user,

including

formatting the transaction inquiry for one or more selected transaction input methods that include key stroke, touch screen, data, voice, speech, text in a selected language and other methods;

transmitting the transaction inquiry from the mobile device to one or more information sources including a central server and or a network server, including

transmitting the inquiry from the central server to an information source;

receiving a response to the inquiry on the mobile device from one or more information sources including the central server and or the network server;

formatting the response to the inquiry from the first information source, the second information source including the central server and or the network server wherein the formatting is enabled in one or more output methods as selected by the mobile device user, that include display, voice, speech, text, data, graphics, images, video and other methods; including

formatting the response from the first information source, the second information source, the central server and or the network server for comparison of responses provided by the first information source, the second information source, the central server and or the network server; including

formatting the transaction inquiry to an information source, the transaction response from an information source and the resulting comparison of responses from the different information sources

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by utilizing the processing power and capabilities of mobile device in a standalone manner, by using

the processing power and capabilities of the central server and or the network server; including

by the utilizing the processing power and capabilities of the mobile device in conjunction with the

processing power and capabilities of the central server, and

displaying and or presenting the formatted response to an inquiry from a selected information

source and or comparison of responses to the selected transaction inquiry from one or more

information sources on the mobile device in the user selected format; further including

executing real time and informed personal purchasing transactions with a mobile device in

conjunction with the user selected input format for a transaction inquiry and user selected output

format for a transaction response; including

means for executing mobile commerce and purchasing transactions in one or more selected

transaction inquiry and transaction response formats that include a user selected language and other

formats for enhanced utility in mobile commerce.

49. (New)　　The method for a real time personal purchasing transactions of claim 48 including:

a mobile device performing the functionality of a cellular telephone, a PDA, a laptop computer and

other mobile communication and or computation devices,

means for formatting a transaction inquiry to one or more information sources including a

central server and or a network server in a selected format,

means for formatting a transaction response from one or more information sources including

from a central server and or a network server in a selected format,

means for formatting the comparison of responses from one or more information sources in a

selected format,

means for comparison of the selected responses utilizing the processing capabilities of the

mobile device by itself, by utilizing the processing capabilities of the central server and or the network

server, the selected information source or the combination thereof; including

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means for personalized formatting and comparison of the transaction inquiry and transaction response;

means for real time informed mobile commerce in conjunction with the selected comparison of responses to a transaction inquiry from one or more information sources including a central server and or a network server.

50. (New)   A method for a real time personal purchasing transactions of claim 48 including:

performing the selected transaction inquiry at a selected time,

receiving the selected transaction response at a selected time, including

comparing one or transaction responses from a plurality of information sources at a selected time,

performing the selected transaction at a selected time and in a selected sequence in conjunction with one or more selected transaction inquiry input and transaction response formats.

51. (New)   A real time personal purchasing transaction system comprising:

a mobile device,

a central server, a local server, a network server or other servers acting as information sources,

means for wired or wireless communication between the mobile device and the information sources/servers;

means for sending an inquiry from a mobile device to a local, central or network server,

means for transmitting the inquiry from the local or network server to one or more information sources,

means for receiving a response to the inquiry from one or more information sources,

means for formatting the response in a stand alone manner or in conjunction with the local or network server, and

means for computing and comparing the differences in value between the responses provided by one or more information sources utilizing the processing, storage, database and other capabilities of the mobile device by itself or of the mobile device in conjunction with an information source/server,

means for displaying and or presenting the formatted response from a specific information source or the comparison of responses from one or more information sources on the mobile device in a user selected format,

means for real time personalized mobile commerce transactions that provide a selected utility to the mobile device user,

means for the selected utility to include information acquirement related to products and or services,

means for the information acquirement to comprise of one or more factors such as the product/service attributes, price, availability and other related factors,

means for personalized formatting of the information and comparison of information from one or more information sources for real time decision making in mobile commerce and personal purchasing transactions.

52. (New)   The method for a real time personal purchasing transactions of claim 52 including:

a mobile device performing the functions of a laptop computer, a cellular telephone or a PDA,

means for utilizing the mobile device including a lap top computer, a cellular telephone and other types of mobile communication and computational devices for mobile commerce and personal purchasing transactions utilizing a user selected transaction inquiry input and transaction response output format.

53. (New)   The real time personal purchasing transaction system of claim 52 further comprising:

performing the selected transaction inquiry related to a product and or a service in a selected format at a selected time, wherein

the transaction inquiry is formatted for efficient searching for information related to the selected transaction and the associated products and or services from one or more information sources,

receiving the selected transaction response in a selected format at a selected time, including

comparing one or transaction responses from a plurality of information sources at a selected time in a selected format,

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performing the selected transaction for personalized utility at a selected time and in selected sequence utilizing one or more selected transaction inquiry and transaction response formats.

54. (New)   A real time transaction system comprising

a mobile device configured with a built in or external capability for communication of voice and data on one or more input and output channels;

a local server and/or a network server;

means for communicating between the mobile device and the local and/or the network server on one or more input and output channels of the mobile device by wired or wireless means, using one or more communication protocols,

means for formatting a selected first output channel of the mobile device for a selected transaction inquiry from a selected information source,

means for formatting a selected first input channel of the mobile device for a selected transaction response from a selected information source, including

means for formatting the selected input and output channels of the mobile device for different user selected information formats that include the voice format, text format, graphics format, image format, photo format, video format, data format and other formats that further include one or more user selected languages; including

means for contemporaneously acquiring information and conducting personal mobile commerce transactions on one or more channels of a mobile device utilizing a selected first input format and a selected second output format, utilizing one or more selected input and output channels of the mobile device.

55. (New)   A real time transaction system of claim 54 further comprising of

a mobile device configured with one or more types of communication capabilities including a POTS line communication capability, a cordless telephone capability, a cellular telephone capability, an Internet Protocol based telephone capability

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and

one or more wired or wireless communication capabilities,

means for transaction inquiry and transaction response in a selected format in conjunction with the

selected wired or wireless communication capability.

56. (New)   A real time transaction system of claim 54 comprising

a multifunction communication, compute, command and control device;

a local server and/or a network server;

means for communicating between the local server, the network server, stationary devices and the

mobile devices by wired or wireless means, using one or more selected communication protocols

utilizing a selected transaction inquiry input and transaction response output format.

57. (New)   A real time transaction system comprising

a mobile device configured with one or more channels of wired or wireless transmit and receive

communication capability;

a POS, Point of Sale Terminal;

the POS Terminal being enabled with one or more channels of wired or wireless transmit and receive

communication capability;

a local server and/or a network server;

means for communicating between the mobile device, the POS terminal, the local server and the

network servers in a selected format for a selected transaction inquiry and a transaction response, by

wired or wireless means, using one or more selected communication protocols.

58. (New)   The real time transaction system of claim 57 comprising

a single function and/or multifunction mobile device

the mobile device having multiple channels of input and output capability;

the inputs and outputs being enabled to receive or transmit in one or more communication protocols

and; ·

means for communicating between the local servers, the network servers and the mobile devices by

wired or wireless means, using one or more communication protocols;

means for executing a selected transaction inquiry in a selected format on a selected output channel

and

means for obtaining a selected transaction response in a selected format on a selected input channel.

59. (New)   The real time transaction system of claim 58 wherein

the mobile device is enabled to do multitasking in a sequential or simultaneous manner

utilizing a selected format one or more input and output channels of said device,

including

said device being enabled to execute similar or disparate transactions with the same vendor, multiple

vendors, including

said device further having the capability to work in a stand alone manner and or in conjunction with

the processing, storage, database and other capabilities of one or more local and or network servers.

60. (New)   The real time transaction system of claim 58 comprising

a plurality of communication devices that have a built-in MMTR feature or other multi channel

transmit and receive communication enabling features;

the devices being enabled to communicate with each other directly or in conjunction with a local or

network server, wherein the first communication device and the second communication device utilize

a selected transaction format which may be same or different, utilizing wired or wireless

communication; including

the devices being enabled to utilize the MMTR or other multi channel communication enabling

features such that the inputs and outputs of the mobile devices , sequentially or contemporaneously are

enabled for selected transactions in a selected format that include voice, data, video or other formats;

means for mobile commerce and non commerce communications and transactions

contemporaneously or in a selected manner utilizing a selected format and further, using one or more

selected communication protocols.

61. (New)   The real time transaction system of claim 59 wherein

the communication device is a mobile device or a stationary device,

said device being configured with an internal and or external MMTR or other multi channel

communication enabling features;

said device being enabled to conduct transactions in a selected language format wherein the selected

language format is same language or different language,

means for leveraging the language translation capability of the said mobile device by itself or in

conjunction with the language translation capabilities resident on the local or network server.

62. (New)   The real time transaction system of claim 60 comprising

means for communicating in a selected format with one or more local or network servers maintained

by vendors;

means for requesting information on products and services from the servers in a selected format;

means for searching for products and services by a first mobile user utilizing a format selected by, the

first mobile device user;

means for searching for products and services by a second mobile user utilizing a format selected by,

the first mobile device user or a different format selected by the second mobile device user;

means for comparing product or service attributes, prices and other factors by the first mobile device

user and the second mobile device user in a selected format which may be same or different;

means for determining the best value proposition against user defined parameters by the first mobile

device user and the second mobile device user acting independently or collaboratively in conjunction

with each other utilizing same or different transaction inquiry, transaction response and comparison

formats; including

means for utilizing a GPS capability to acquire location sensitive information, if needed, related to

vendors and one or more mobile devices;

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means for determining the optimal execution strategy best suited to each mobile device user using a selected transaction inquiry format, transaction response format and comparison format best suited for each said device user including the format best suited for efficient execution for the selected vendor.

63. (New)   The real time transaction system of claim 62 comprising

means for determining the price of products and or services in any currency;

means for determining the most currency efficient transaction by one or more mobile device users based on time, availability, set exchange rates or other value propositions, the determination being done by one or more mobile device users acting independently or collectively;

means for formatting the transaction inquiry and the transaction response in one or more formats that include for example formatting the information in one or more currencies;

means for executing the transactions utilizing one or more selected formats including different currency formats that enables value comparison,

means for comparison and transactions in a stand alone manner or in conjunction with other mobile and stationary device users.

64. (New)   A real time transaction system comprising

a vendor's local or network server wirelessly communicating with a mobile device;

the mobile device wirelessly communicating with a vendor's server,

the communication being enabled in one or more protocols wherein

the communication is initiated in a time based mode, static mode or dynamic mode either by the vendor or the mobile device user; including

the communication having permissions set by vendor or mobile device user;

the communication including data, text, still images, audio or video and other information that is enabled for display and or presentation/delivery in a selected format,

the communications content including marketing, product, service, price, availability and other information;

the communication being enabled on one or more input/output channels of a mobile device, including the mobile device being contemporaneously enabled to perform one or more similar or disparate functions as desired by the mobile device user on other input/output channels of said mobile device in a user selected format.

65. (New)   The real time transaction system of claim 64 comprising

a stationary and immobile environment including an office, home or a shopping mall,

the stationary environment being configured with one or more MMTR or other wired or wireless communication enabling units and associated local or network servers;

the stationary environment being enabled to communicate with one or more mobile devices for commerce and related transactions in a user selected format.

66. (New)   The real time transaction system of claim 63 comprising

a mobile environment, that is an environment that is itself capable of being in motion or being stationary, such as in an airplane, bus, train, automobile and other transportation systems;

the mobile environment being equipped with one or more MMTR or other wired or wireless communication enabling units

the system having associated one or more local servers internal to the environment and network servers located external to the environment

the MMTR/ other communication enabling units and mobile device being further equipped with a single or multi communication mode capability on different input and output channels,

the communication modes being set for use internal to the environment and or external to the environment,

the communication being enabled in a wired or wireless manner using one or more protocols internal or external to the environment in a user selected format;

means for seamless mobile commerce transactions internal of a selected communication environment or external of a selected communication environment.

67. (New)   The apparatus and transaction system of claim 65 comprising

a plurality of smart RF Tags that are enabled to transmit and/or receive communication signals in a

wireless manner in one or more protocols;

the RF tags being configured to uniquely identify various items of service and or product;

the RF Tags being capable of being attached by one or more means, that include embedded attachment

means or external attachment means to the services or products,

the RF Tags being capable of wireless communication with a mobile device and further enabled to

present the information on said devices in a selected format;

the RF tags and mobile devices being capable of communicating with a local or external MMTR or

other similar communication enabling unit;

the RF tags further being capable of communication with a local server or network server either

directly or in conjunction with the intelligent keyboard or mobile device,

the RF tags being implemented at chip level or subsystem or system level,

the intelligent keyboard or the mobile device having one or more personal data bases resident within

the mobile device;

the local and/or network servers having one or more data bases;

means for utilizing the mobile device for automated information acquirement from a smart RF Tag in

conjunction with a user selected transaction inquiry format and transaction response format; including

means for manually or automatically formatting transaction inquiries and transaction responses

between a smart RF Tag and a mobile communication device;

means for real time purchasing, mobile commerce and related transactions in conjunction with smart

RF Tags and mobile communication devices.

68. (New)   A transaction system as in claim 66 comprising

means for attaching and associating a RF tag to a product or service,

means for monitoring and tracking of the RF tags by a vendor's local or network server,

means for communicating with one or more RF tags via the mobile device utilizing a user selected format,

means for selecting the RF tag enabled products and services via the mobile device utilizing a user selected format,

means for executing various transactions that include logging a sale, automatic billing, auto check out, via the mobile device in a stand alone manner or in conjunction with the local or network server utilizing a user selected format, including

means for automating permissions for taking the item out of the vendor premises upon logging a sale; including

means for setting security alerts if an item is being taken out of a secured zone or the vendor premises without proper authorization, including

means for updating inventory, generating order replenishments from suppliers, and other transactions in a selected format that enable intelligent total management of commerce.

69. (New)   A transaction system of claim 67 comprising

means for enabling the unique addressing, identification and authentication of one or more intelligent appliances, point of sales systems and one or more mobile devices, and one or more local and or network servers, and one or more RF Tags;

means for using an IP addressing scheme or other secure addressing schemes to execute authorized and legitimate transactions, using a single or multi channel mobile device in conjunction with a user and or vendor selected formats.

70. (New)   The transaction system of claim 69 comprising

means for identification and tracking of RF tag enabled products through the supply and consumption chain, the RF Tags being variable in size as appropriate for each product, including being miniaturized;

the RF Tags being attached or imbedded within the product,

the RF Tags being implemented in discrete component or single chip component level;

the RF Tags being passively or actively powered;

the RF Tags being recognized by a mobile device or a stationary device,

means for locating the MMTR within a home, office, factory or other environment for identifying the products by RF or wireless means by the MMTR [or a similar function transmit/receive unit] or in association with a mobile device , a local server and or network server;

means for locating the placement and position of products in each environment and sub-environment;

means for determining the status of the inventory dynamically;

means for placing orders to suppliers to replenish stocks by transmitting needs through the MMTR or directly via the mobile device; and

means for maintaining relevant data and databases within the MMTR, the mobile device, the local server and or the network server.

71. (New)   A transaction system of claim 70 comprising

means for setting up of a personalized group or sub group of users, where each group may consist of one or more mobile devices users,

means for determining the value maximizing or value optimizing algorithms of the individual mobile device user or groups users of devices or sub groups of devices users,

means for enabling the mobile device user to set the value maximizing or optimizing features that include parameters such as price, price comparison, product or service attributes, availability, proximity, delivery, warranty, cost, currency, sales and local taxes, customs and excise duties among others, group purchasing discounts; including

means for optionally multi tasking and conducting one or more types of communication with one or more mobile devices and local or network servers using a selected format best suited for one or more mobile devices,

means for utilizing the computational capabilities and databases of one or more mobile device

working independently or in selected combination or in and/or in conjunction with a local or network server.

72. (New)   An intelligent system and method for electronic commerce within a physical store comprising of

a)   one or more customers enabled with mobile device that include cellular telephones, PDAs and other types of mobile communication and or computation devices configured for communication of voice and data information,

said mobile device further comprising of one or more channels of transmit and receive capability for communication of voice and data on selected channels of communication;

b)   a central server belonging to a the vendor store located within said store, including

a network server located within the store or external of the store,

means for wired or wireless communication between said servers located within or external of said store;

c)   one or more intelligent point of sale terminals located within the store in one or more physical locations,

means for wired or wireless communication between the intelligent point of sale terminal and the central server and the network servers;

d)   a central transmit/receive unit such as an MMTR located within the store to enable seamless communication between the servers and devices within the store and external of the store, including one or more regional transmit/receive units such as smaller MMTR units located within each department, display tables or other locations within the store,

means for wired or wireless communication between the various regional transmit/receive MMTR units and the central transmit/receive unit central MMTR, the mobile devices, the central server and the network servers on one or more channels of wired or wireless communication;

e)   products and or services enabled with radio frequency, smart RF Tags containing selected

information within said RF Tags related to various attributes that include, price, color, part number and other information, including

means for querying and or programming the information in real time contained in one or more said RF Tags by communicating a wired or wireless signal from the central server, the network server, the point of sales terminal and other authorized stationary and mobile devices under the control of the store;

f)   means for communicating a query to and a response from a selected RF Tagged product and or service by the customer's mobile device, the point of sale terminal, the central transmit/receive unit central MTTR, the regional transmit/receive units regional MMTR units and one or more servers by wired or wireless communication;

g)   means for selection, automatic checkout and automatic payment for selected products and or services by the customer utilizing a mobile device such as a cellular telephone, PDA and other mobile devices, including

means for mobile commerce in conjunction with the customer profile, payment information and other information maintained within said customer's mobile device, a central server and a network server.

73. (New)   An intelligent system and method for electronic commerce within a physical store of claim 72 comprising of the following steps

a)   sensing a mobile device and the associated customer profile within a mall and or proximate to a store by transmitting/receiving a signal to one or more of said customer potential customers mobile devices by the central transmit/receive unit central MMTR unit or regional transmit/receive units regional MMTR units , including

enabling the customer to turn on or off said vendor communications for sensing the customer's mobile device as desired for selected privacy;

b)   sending a query by wired or wireless means using one or more selected communication channels and communication protocols, from the mobile device to the store for directions and other

information related to products and or services and the physical regions where said products/services are located,

receiving a response by wired or wireless means, using one or more selected communication channels and communication protocols from the store for the desired information on the mobile device, including transmit/receive capability between the mobile device and central transmit/receive central MMTR unit and one or more regional transmit/receive units;

c)   selecting a desired product and or service for a selected mobile commerce transaction, executing the selected mobile commerce transactions automatically in conjunction with the customer profile maintained within the customer's mobile device, the vendor's servers, and or third party service providers including credit card companies, financial institutions and other entities.

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